

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1-24. (Cancelled)

25-38. (Cancelled)

39. (New) A composition, comprising a soluble recombinant botulinum toxin protein comprising a C-terminal portion of a heavy chain of a botulinum toxin serotype A, the C-terminal portion including a botulinum toxin receptor binding domain and being produced in soluble form in aerobic bacteria and obtained therefrom without Clostridial botulinum neurotoxin complex proteins.

40. (New) The composition of claim 39 wherein the C-terminal portion comprises SEQ ID NO: 23.

41. (New) The composition of claim 39 wherein the botulinum toxin protein further comprises a non-toxin protein sequence.

42. (New) The composition of claim 39 wherein the toxin is in solution.

43. (New) The composition of claim 39 wherein the protein is obtained from the aerobic bacteria as a single polypeptide chain.

44. (New) The composition of claim 39, wherein the C-terminal portion is coupled to a poly-histidine tract.

45. (New) The composition of claim 39 wherein the composition is a lysate obtained from E. coli bacteria.